

37041

**ADDENDUM TO SITE OPERATIONS PLAN
NATIONAL GYPSUM COMPANY
(Millington, Great Swamp, 257 New Vernon Road
and White Bridge Road Sites)**

Prepared By:

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INTRODUCTION

Fred C. Hart Associates, Inc. (HART) has been retained by National Gypsum Company of Dallas, Texas and is currently engaged in a Remedial Investigation (RI) in and around Millington, NJ. This investigation has been implemented pursuant to CERCLA Administrative Order - 50103 between National Gypsum Company and the United States Environmental Protection Agency (USEPA) under the National Superfund Program.

As part of the Remedial Investigation, a groundwater monitoring network was installed at a site (designated Site A, Figure 1) within the Great Swamp National Wildlife Refuge. Prior to the installation of this monitoring network, a metal detection survey was conducted by HART personnel during preliminary subsurface site characterization. Findings of this preliminary survey, (Figure 2), indicate that there are a number of locations concentrated within this area with underlying metal objects.

At this point, the nature of these objects has not been determined. Discussions with refuge personnel have revealed that drums may be present on the site. The existence of rusted drums located on the surface in the vicinity of the site also points to the possibility of drummed waste at this location. Prior to the finalization of the RI report, full site characterizations are required in order to develop accurate endangerment assessments and feasibility studies.

Based on these findings, HART proposes to investigate further the subsurface of Site A within the Great Swamp National Wildlife Refuge prior to the submittal of the RI report. Details of this task are described below.

Purpose

The purpose of this investigation is to characterize further the subsurface conditions at Site A within the Great Swamp National Wildlife Refuge. Specifically, the investigation will focus on the presence of

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buried drums and a representative characterization of their waste materials. Also, data collected during this task will be evaluated and employed during the endangerment assessment and feasibility study.

Procedure

The first phase of this study will consist of surveying the entire area within Site A with a metal detector in an effort to locate prospective drum locations. This task will be accomplished by first constructing a surveying grid based upon 50 feet centers. A Pollard Model TW-5 metal detector will be employed to locate the metal. Data collected during the metal detection survey will be plotted on a base map and utilized to select test pit locations. Grid construction and metal detection surveying will be performed by HART personnel.

Following the completion of the metal detection survey, HART will meet with representatives of the U.S. Environmental Protection Agency (USEPA) and New Jersey Department of Environmental Protection (NJDEP) to determine the actual test pit locations. Control pits may be constructed in locations where metal was not detected, at the discretion of the HART on-site coordinator and EPA representatives. Test pits will be constructed using a rubber tire backhoe with bucket teeth removed. All test pits will be logged by a HART field geologist who will keep a complete description of materials encountered and observations in the field test pit log.

In the event that buried drums are located, HART and its subcontractor, in coordination with representatives of the USEPA and NJDEP, will determine which drums are of suitable integrity to be removed and sampled. Recovered drums will be overpacked and stored securely on-site until the completion of laboratory analysis. All recovered drums will be temporarily stored in the staging area, which will be bermed and lined with visqueen so as to contain any discharge in the event of contaminant release. In addition, the staging area will be fenced to prevent tampering with drums. The test pits will be backfilled with on-site fill following their completion. Additional clean fill will also be available to backfill those test pits from which buried drums are removed. Should

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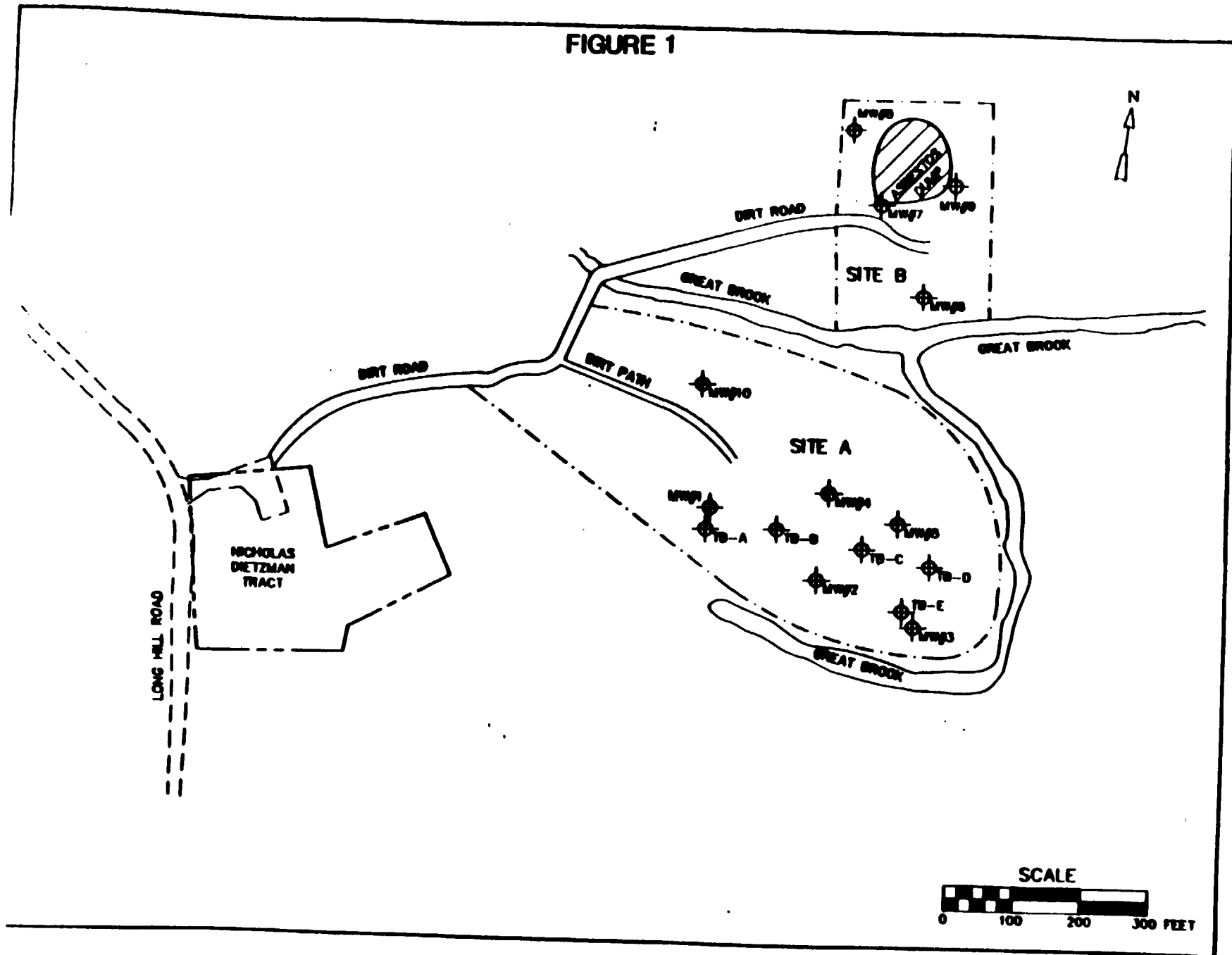
buried drums be located and successfully recovered, HART will provide a disposal plan to USEPA for approval.

Test pit construction, drum removal, sampling, and disposal will be performed by HAZTEC of Bordentown, New Jersey. Health and safety procedures are provided in Attachment 1. All field work will be conducted in Level B protection. An organic vapor analyzer (OVA) will be employed during the field effort as part of the health and safety procedures.

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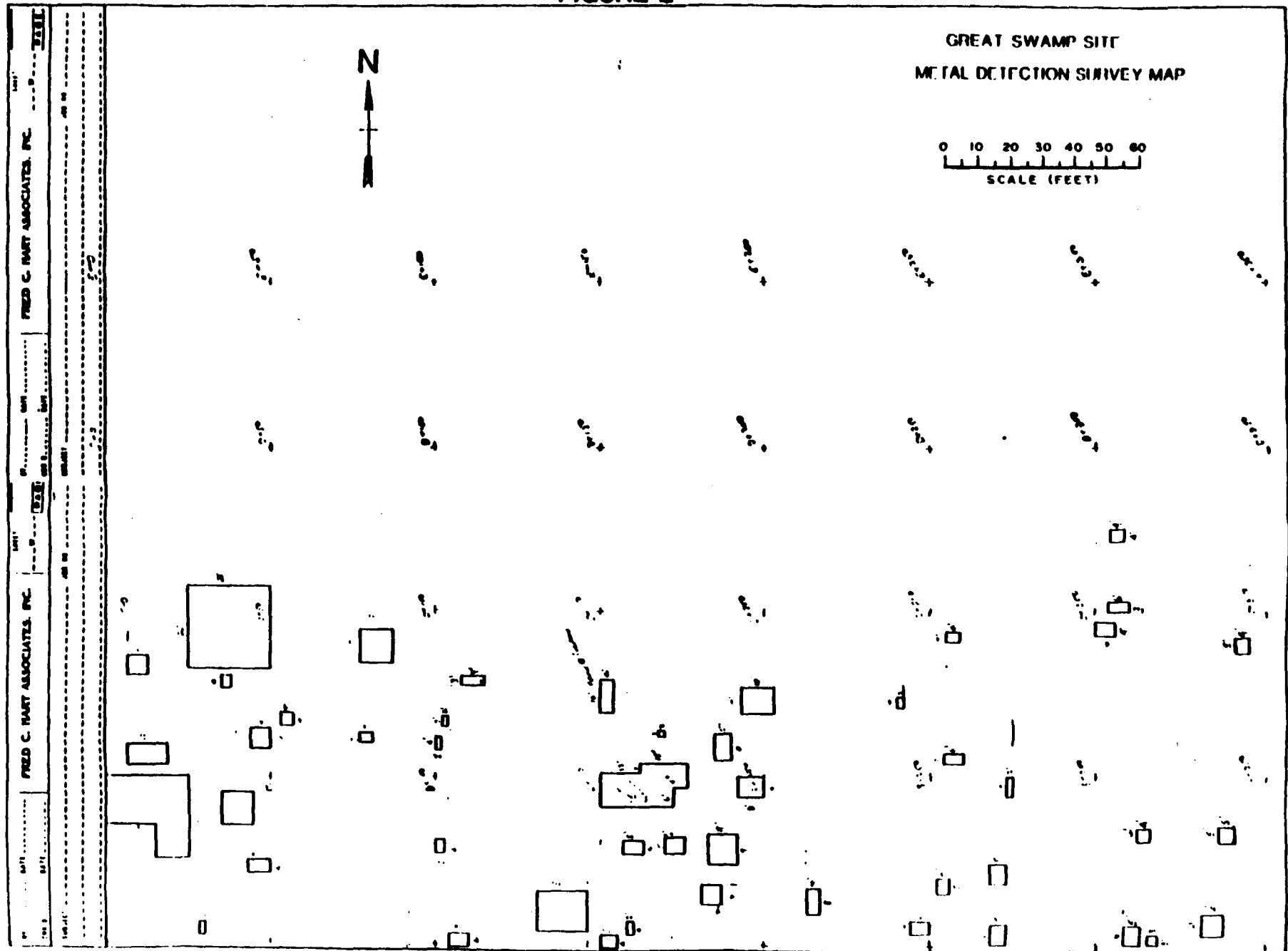
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FIGURE 1



GREAT SWAMP SITE

FIGURE 2



ATTACHMENT 1

SITE SAFETY PLAN

A. GENERAL INFORMATION

SITE: Site A, Great Swamp Site PROJECT NO.: AO48
LOCATION: Morris County, NJ
PREPARED BY: Steve Hambos DATE: 1/5/87
APPROVED BY: Francie Barker DATE: 1/5/87
OBJECTIVE(S): Conduct subsurface investigation for drum presence/
characterization/disposal.
PROPOSED DATE(S) OF INVESTIGATION January 1987
BACKGROUND REVIEW: COMPLETE: X PRELIMINARY:
DOCUMENTATION/SUMMARY: OVERALL HAZARD: SERIOUS
MODERATE X
LOW
UNKNOWN

B. SITE/WASTE CHARACTERISTICS

WASTE TYPE(S): LIQUID X SOLID X SLUDGE GAS
CHARACTERISTIC(S): CORROSIVE IGNITABLE RADIOACTIVE
VOLATILE X TOXIC REACTIVE UNKNOWN X OTHER (NAME):

FACILITY DESCRIPTION: An open field that is part of the Great Swamp National Wildlife Refuge.

PRINCIPAL DISPOSAL METHOD (type and location): Dumping of drums.

UNUSUAL FEATURES (dike integrity, power lines, terrain, etc.) None.

STATUS (active, inactive, unknown): Inactive

HISTORY (worker or nonworker injury; complaints from public; previous agency action): Dumping of asbestos fibers and tiles for over 30 years at site. Drums were dumped during asbestos disposal throughout the mid-1960's thru early 1970's.

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C. HAZARD EVALUATION

Potential contamination of air and soil from asbestos and drummed wastes. Soil disturbance during excavating and sampling could exacerbate airborne asbestos and release drummed waste materials.

D. SITE SAFETY WORK PLAN

PERIMETER ESTABLISHMENT: MAP/SKETCH ATTACHED: Yes SITE SECURED? No

PERIMETER IDENTIFIED: No ZONE(S) OF CONTAINMENT IDENTIFIED? No

PERSONNEL PROTECTION

LEVEL OF PROTECTION: A B X C D

SURVEILLANCE EQUIPMENT AND MATERIALS: Organic Vapor Analyzer and explosimeter, splash suits, Level-B protection, and excavating equipment with explosion-proof cab.

DECONTAMINATION PROCEDURES: A specific decontamination area will be set up to decontaminate gloves, boots and equipment. The backhoe will be decontaminated in the event that it ruptures a drum.

DISPOSAL OF CONTAMINATED EQUIPMENT, SUPPLIES, WASHWATER:

Recovered drums will be sampled, overpacked and staged. Drum disposal will be based upon laboratory results. Washwater will be collected and drummed then disposed of following lab analysis.

SITE ENTRY PROCEDURES: To be arranged with the EPA, NJDEP and local municipal authorities.

<u>TEAM MEMBER (Major)</u>	<u>RESPONSIBILITY</u>
Tom Morahan	Project Manager
Francie Barker	Quality Assurance Officer/Site Safety Officer.
Steve Hambos	Field Team Leader
Aaron Levy	Work Party/Equipment Specialist

WORK LIMITATIONS (time of day, etc.): Daylight hours, inclement weather

E. EMERGENCY INFORMATION

LOCAL RESOURCES

AMBULANCE:	(201) 522-2232
HOSPITAL EMERGENCY ROOM:	(201) 522-2232 Overlook Hospital, Summit, NJ
POISON CONTROL CENTER:	(201) 522-2232 Overlook Hospital, Summit, NJ
POLICE:	(201) 647-1800 Passaic Township
FIRE DEPARTMENT:	(201) 647-1800 Passaic Township

AIRPORT (201) 647-2444 Somerset Airport, Bedminster, NJ
EXPLOSIVES UNIT: (201) 647-1800 Passaic Township
EPA CONTACT: (201) 264-2657 Nigel Robinson, New York, NY
EL-74

SITE RESOURCES

WATER SUPPLY: No
TELEPHONE: No
RADIO: No
OTHER: N/A

EMERGENCY CONTACTS

CORPORATE SAFETY DIRECTOR Laurence Kaufman (202) 223-5621
PROJECT MANAGER Tom Morahan (212) 840-3990
HART OFFICE (212) 840-3990

F. EMERGENCY ROUTES

(give road or other directions; attach map)

HOSPITAL: Overlook Hospital, 183 Morris Avenue, Summit, NJ
OTHER: None

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